

KRUPKA, Wiktor, mgr.,inz.; KUBISZ, Jerzy, mgr.,inz.; ZEMBALA, Andrzej, inz.

Automatic regulation of ball mills. Rudy i metale 7 no.3:135-138 '62.

KRUPKA, Z.

Symmetrization circuits for high-frequency lines. p, 369.

Vol. 14, no. 9, Sept. 1953

SLABOPROUDY OBZOR

Praha, Czechoslovakia

So: Eastern European Accession Vol. 5 No. 4 April 1956

KRUPKA Z DENEK

CZECHOSLOVAKIA/Radio Physics - Radiation of Radio Waves. Trans- I-4
mission Lines and Antennae

Abs Jour : Ref Zhur .. Fizika, No 4, 1958, No 8887

Author : Krupka, Zdenek

Inst : Not Given

Title : Antennas for Railroad Dispatcher Systems

Orig Pub : Slaborpoudy obzor, 1957, 18, No 4, 179-186

Abstract : Brief description of several types of antennas for mobile and
stationary stations.

Card : 1/1

L1177
S/194/62/00C/008/085/100
D413/D308

AUTHOR: Krupka, Zdeněk

TITLE: A directive aerial

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,
no. 8, 1962, abstract 8-7-116 e (Czech. pat., cl. 21a⁴,
46/03, no. 98474, Feb. 15, 1961)

TEXT: The patent covers a complex directive TV aerial of the Yagi type, made out of wire elements which are stretched over a vertical excited dipole and a transverse yardarm. The design economizes in costly tubing while giving the same characteristics as an aerial made out of tubing. The radiation pattern of such an aerial consists of two lobes in opposite directions together with two side-lobes which are perpendicular to the others. Several versions of the aerial are considered, having the excited dipole made of tubing, of RF cable, and of corded wire. Two versions of the aerial were built for the 49.75 - 56.25 Mc/s TV channel using dipoles made out of 270 and 240 cm of tubing, with SWR over the whole frequency band ≥ 2.5 [Abstracter's note: Presumably a misprint should be ≤ 2.5] and with Card 1/2

A directive aerial

S/194/62/000/008/085/100
D413/D308

a maximum of 6 dB ratio between the gains at vision carrier and sound carrier frequencies. The gains of the two aerals were ≥ 10 dB and ≥ 8.5 dB respectively. [Abstracter's note: Complete translation.]

Card 2/2

KRUPKA, Zdenek, inz.

Logarithmically periodic antennas. Sdel tech 11 no.6:202-209
Je '63.

1st and 2nd Codes		Processes and Properties Index	
<p>7</p> <p>Determination of small quantities of cyanide in substances treated with insecticides. M. M. Rahms and A. L. Krupin. <i>J. Applied Chem.</i> (U. S. S. R.) 10, 900, 2 (1957). Evaporate the soln. on a water bath in the presence of an excess of NaOH to 1-2 cc. Add 2 drops of 1% NaOH and 0.5 cc. of 0.5% FeSO₄. Heat the resulting soln. at 60-80° for 2-3 min. Cool to room temp. After 5 min. add 3 drops of 0.1% FeCl₃ and 5 cc. of 1% HCl and heat until colorless. Set aside for 1-2 hrs. until the appearance of a blue color. Dil. to vol. and compare with a standard in the differential photometer. Sepn. of HCN from insecticide-treated substances by passing air through the soln. and absorption with 1% alkali is recommended. Eighteen references.</p> <p>A. A. Polgony</p>		<p>7</p>	
<p>ASB-55A METALLURGICAL LITERATURE CLASSIFICATION</p>			
107000 7A		107000 7A 7B 7C 7D 7E 7F 7G 7H 7I 7J 7K 7L 7M 7N 7O 7P 7Q 7R 7S 7T 7U 7V 7W 7X 7Y 7Z	
107000 7A 7B 7C 7D 7E 7F 7G 7H 7I 7J 7K 7L 7M 7N 7O 7P 7Q 7R 7S 7T 7U 7V 7W 7X 7Y 7Z		107000 7A 7B 7C 7D 7E 7F 7G 7H 7I 7J 7K 7L 7M 7N 7O 7P 7Q 7R 7S 7T 7U 7V 7W 7X 7Y 7Z	

7

ca

Electrophotometric determination of fluorine in aluminum salts. M. M. Ralnes and A. I. Knapkin. Zvezdarskye Lab. 8, 399-404(1938).—As little as 0.01-2.0 mg. of F in alumina and $Al_2(SO_4)_3$ was detd. colorimetrically with the photoelec. cell. Two methods were used. A $ZrCl_4$ soln. was colored with a salt of alizarin sulfonic acid and the bleaching effect of F^- measured or the color was produced from Ti^{+++} and H_2O_2 and bleached. The F^- was detd. from $Al_2(SO_4)_3$ by the Tannasev method (cf. C. A. 29, 1741) but $FeBr_3$ was used in place of CO_2 . H. Z. Knapkin

ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND CODES																										3RD AND 4TH CODES																									
PROCESSING AND PROPERTIES INDEX																										1ST AND 2ND CODES																									
<p>✓ Dynamic methods for determining free halogens. M. M. Kalnes, A. I. Krupkin and P. V. Rodzevich. <i>Zashchita Lab.</i> 6, 135-R(1940).—The colorimetric detn. of free halogens based on the expulsion of I from KI by free Br and Cl was studied by both dynamic and static methods. The results show that detns. can be made by the dynamic method with the aid of a photocolormeter within the limits of 0.5-7 mg./l. calcd. as Cl. The free I passes through a White spiral where it reacts with drops of a KI soln. contg. 1.5 g. KI and 8 g. NaCl in 1 l. of water. The change in color of the soln. produces changes in the electric current which are recorded by the galvanometer. The error varies from 0.3 to 5% for concns. of 1-7 mg. Cl per l. of air and reaches 10% and more for lower concns. The starch-iodide method is applicable only when the air contains up to 0.1 mg./l. of halogens. <i>p</i>-Toluidine could not be used for detg. the total halogen content but it was satisfactory for detg. the individual halogens. <i>p</i>-Toluidine can replace <i>p</i>-toluidine. H. Z. Kamich.</p>																										<p>450-35.4 METALLURGICAL LITERATURE CLASSIFICATION</p>																									

11' AND 12' SHEETS

PROCESSES AND PROPERTIES INDEX

1

Variable apparatus for determining carbon dioxide by
air. A. I. Krupkin and D. O. Derevyanko. Zareditskaya
Lab. 13, 1019-21(1947).—Structural details of the app.
are given. M. Housh

ASS. SLA DETAIL/LOCAL LITERATURE CLASSIFICATION

82-1

82-1

ACS

Chemistry & Physics

Photocolorimetric determination of sodium in some glasses and silicates. A. I. KAUZMAN, *Zvezdskaya Lab.*, 14 (1) 31-34 (1960).—Use up to 2 ml. of sample, depending on the expected Na content; if necessary, dilute with water to 2 ml. Add 2 ml. of alcohol and 1 ml. of precipitant (mixture of uranyl acetate, zinc acetate, and acetic acid) and allow to stand overnight to form a precipitate of Na-Zn-uranyl acetate. Vacuum-filter and wash with 0.5 ml. of ethyl alcohol and then with 3 ml. of alcohol-ether mixture (1:2.5). Dissolve in 10 ml. of 2% acetic acid at 60° to 80°C., add 1 ml. of 20% K ferrocyanide, and dilute to 100 ml. with water. After 45 min., photocolorimeter the reddish-brown K uranyl ferrocyanide. Determinations were made with a differential photocolorimeter having optical compensation. The maximum wave length suitable for the determination was 400 to 420 mμ; this required the use of a blue light filter of double thickness. Deviations from the gravimetric method for over 20 samples of glasses, feldspars, cryolite, and other materials ranged from hundredths of a per cent to 0.1-0.2%. The method is 5 to 6 times faster than gravimetric determination. B. Z. K.

State-optical Inst.

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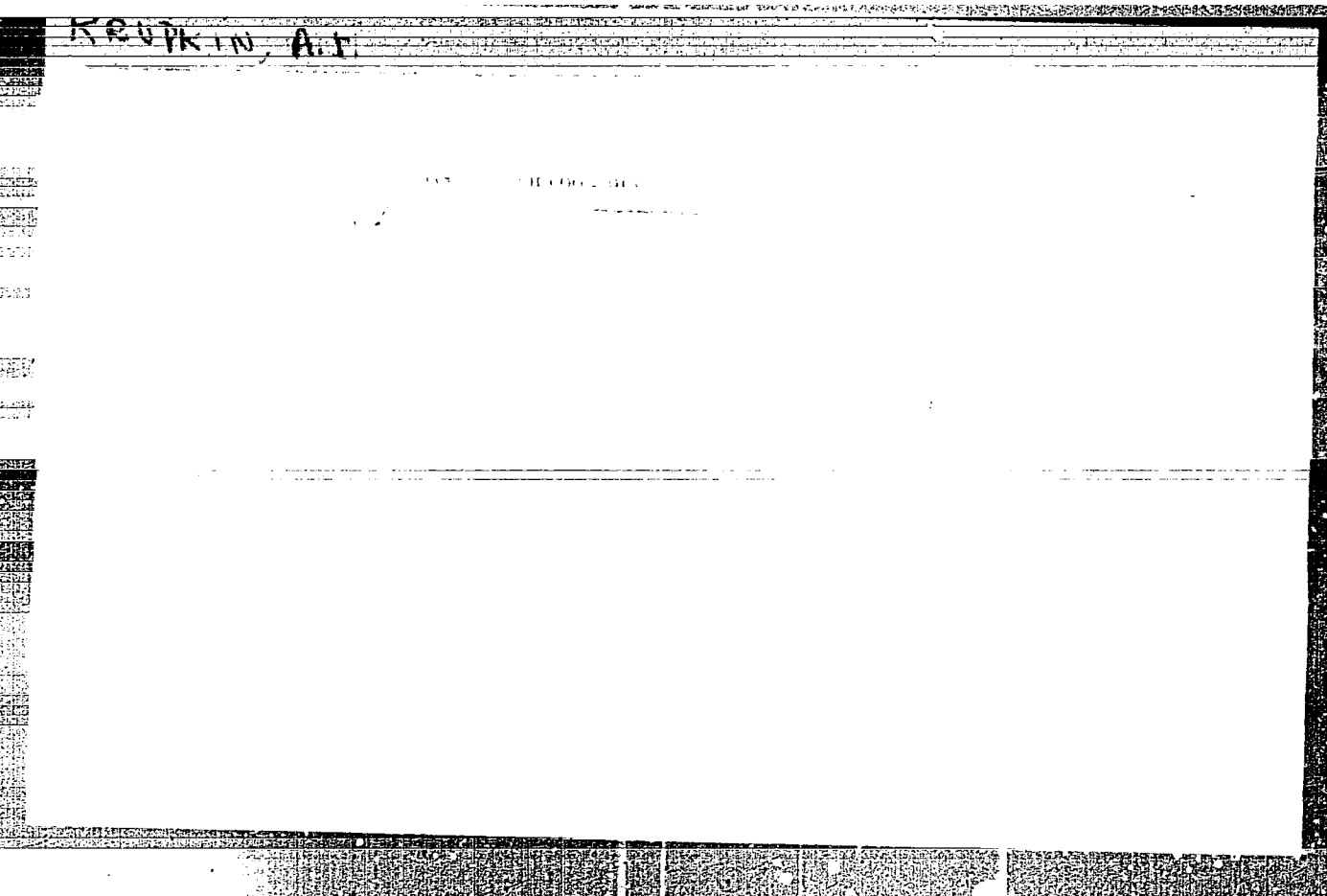
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KRUPKIN, A.I.

Colorimetric analysis of materials with high content of components to be analyzed. Trudy kom. anal. khim. 8:204-209 '58. (MIRA 11:8)

1. Gosudarstvennyy opticheskiy institut im. S.I. Vavilova.
(Colorimetry)

AUTHORS: Krupkin, A. I., Zhechkova, L. A. 75-13-3-23/27

TITLE: On the Problem of the Photometric Determination of Zinc
(K voprosu o fotometricheskom opredelenii tsinka)

PERIODICAL: Zhurnal analiticheskoy khimii, 1958, Vol 13, Nr 3,
pp. 370-371 (USSR)

ABSTRACT: With modern photoelectric devices the light absorption can be measured with such a high accuracy that large amounts of an element can also be photometrically determined. The authors of the present communication worked out an indirect method of determination for zinc. It is based on the separation of zinc as a complex salt of pyridone: $(C_{13}H_{17}ON_3)_2 \cdot H_2 [Zn(SCN)_4]$ (References 1-4). This compound is dissolved and pyridone quantitatively determined by means of phosphorus-tungsten-molybdic acid. Phosphorus-tungsten-molybdic acid is by pyridone reduced to molybdenum blue the color intensity of which is photometrically determined. The precipitation of zinc is done by mixing the solution to be investigated with pyridone and potassium thiocyanate in the presence of acetic acid (Refe-

Card 1/3

On the Problem of the Photometric Determination
of Zinc

75-13-3-23/27

rences 1-4). The precipitate is easily soluble, amylacetate being best suitable as washing liquid. The total volume of the solution in the precipitation, the duration of the precipitation and the temperature are of great importance for the quantitative separation of zinc. The precipitation is performed in a thermostat at $30 \pm 1^\circ$ in the course of 2 - 3 hours. A 12-fold excess of sodium, potassium, magnesium, calcium, aluminium and antimony ions (individually or in sum) do not disturb the determination of 0,1 mg ZnO; at concentrations up to 0,5 mg ZnO the above-mentioned cations at a 2-fold excess are not disturbing. Larger amounts of foreign ions were not investigated. Barium, lead and trivalent iron disturb the determination of zinc; barium and lead can, however, be separated in the form of sulfates. For determining pyrimidone in the precipitate it is dissolved in boiling water and a solution of phosphorus-tungsten-molybdic acid is added at a constant temperature of 20°C . After having let it stand for 1,5 - 3 hours at 20°C the optical density of the solution is measured by a red filter. The obtained results always

Card 2/3

On the Problem of the Photometric Determination of Zinc 75-13-3-23/27

are somewhat too low. But this fact does not disturb the determination of zinc with an accuracy of $\pm 0,1 - 0,3$ percentage by weight. At a zinc content higher than 0,5 mg in the solution to be analyzed the method can not be employed. This method was employed for the determination of zinc in glasses. On this occasion satisfactory results were obtained. The duration of the determination without preparing the material amounts to 4 hours. The preparation of the solutions necessary for the determination and the performance itself are very exactly described. The method permits the determination of zinc up to amounts of 15% (as ZnO).

There are 1 figure, 1 table, and 5 references, which are Soviet.

ASSOCIATION: Leningrad, State Optical Institute imeni S. I. Vavilov

SUBMITTED: May 30, 1956

Card 3/3 1. Zinc--Determination

5(2)

AUTHORS:

Krupkin, A.I., Konovalov, V.L.

SOV/32-24-12-10/45

TITLE:

Concerning the Maintenance of the Temperature Conditions in the
Colorimetric Determination of Potassium in the Form of $K_2Pb[Ni(NO_2)_6]$
(O soblyudenii temperaturnykh usloviy pri kolorimetricheskom opre-
delenii kaliya v vide $K_2Pb[Ni(NO_2)_6]$)

PERIODICAL:

Zavodskaya Laboratoriya, 1958, Vol 24, Nr 12, pp 1444-1444 (USSR)

ABSTRACT:

It was suggested (Ref 1) that potassium be separated in the form of $K_2Pb[Ni(NO_2)_6]$. The nickel in this compound could then be determined colorimetrically (Ref 2), and from the nickel content the potassium content could be calculated. In repeated applications of this method it was noticed that a variation in temperature can introduce larger errors into the analytical results. An investigation by the authors with regard to this observation showed that the influence of the temperature is greatest during the precipitation (calibration curves over a temperature range made on the FEK-M apparatus, Fig 1). The influence of temperature was evaluated over the interval from 10 to 50 by measuring the variation in the optical density of the nickel dimethyl glyoxime solution and plotting the measurements obtained graphically (Fig 2). From the experimental results obtained an

Card 1/2

Concerning the Maintenance of the Temperature Conditions in the Colorimetric
Determination of Potassium in the Form of $K_2Pb[Ni(NO_2)_6]$ SOV/32-24-12-10/45

analytical temperature of $30 \pm 1^\circ$ is suggested.- There are 2 figures,
2 tables, and 2 Soviet references.

Card 2/2

L 25718-66	EWI(m)/EWP(•)	WH
ACC NR: AP6002801	(N)	SOURCE CODE: UR/0237/60/000/002/0024/0025
AUTHOR: <u>Krupkin, I. I.; Zhechkova, L. A.</u>		
ORG: none		27 B
TITLE: Accelerated photometric method for determination of silica in optical glass		
SOURCE: Optiko-mekhanicheskaya promyshlennost', no. 2, 1960, 24-25		
TOPIC TAGS: optic glass, silica, photometric analysis, chemical detection, sodium hydroxide		
<p>ABSTRACT: In order to determine the amount of silica in optical glass, the authors used a solution of silicic acid in the capacity of a titrated solution, 1 ml of which contains 0.5 mg of silicic acid. This solution was obtained by combining 0.05 g of ground pure quartz and 0.7 g of pulverized sodium hydroxide. Water was added to this mixture, to make up a quantity of 100 ml. The presence of sodium hydroxide in the solution has made it possible to analyze cataloged brands of glass according to GOST 3514-57. Analytic measurements were made by means of a FEK-M photoelectric colorimeter. The experiments have proved that an excess of potassium and sodium does not interfere with the determination of silica. Magnesium, calcium, zinc, aluminum, and barium show no effect at a 1:1 ratio. In conclusion, the authors recommend the method of photometric determination of silica in optical glasses. The entire analysis</p>		
Card 1/2		

L 25718-66

ACC NR: AP6002801

including the melting of glass required a period of 2.5-3 hrs. Orig. art. has:
2 figures and 2 tables.

SUB CODE: 07 / SUBM DATE: 07Sep59/ ORIG REF: 009/ OTH REF: 001

Card 2/2

Author: D. M.

Experience with the Political Enlightenment work at a Hospital. Voenno-Meditsinskiy Zhurnal, No 1, p 68, 1955.

KRUPKIN, B.M., polkovnik meditsinskoy sluzhby

Some problems in the improvement of the prophylactic work of
hospitals in garrison units. Voen.-med.zhur. no.10:70-72 0 '55.
(HOSPITALS, MILITARY) (MIRA 9:10)

17(0)

SOV/177-58-2-16/21

AUTHOR:

Krupkin, B.M., Colonel in the Medical Service

TITLE:

On the Experience of the Work of Military Physicians in a Garrison Hospital

PERIODICAL:

Voyenno-meditsinskiy zhurnal, 1958, Nr 2, pp 81-82 (USSR)

ABSTRACT:

The article describes a program designed to raise the qualifications of military physicians at the author's garrison hospital, and briefly outlines the 1-month course of theoretical and practical work performed by doctors attached to the hospital from other units. The results of the course are noted with satisfaction, especially in regard to the organization of medical treatment in the garrison as a result of the course.

Card 1/1

KRUPKIN, B.M. (Kaliningrad)

Some problems of organizing the work of the receiving department of city and district hospitals. Sov. zdrav. 22 no.6: 49-50'63.

(MIRA 16:9)

(HOSPITALS—ADMINISTRATION)

BRETANITSKIY, L.; KRUPKIN, B.; MAMIKONOV, L.

Fourteenth-century mausoleum in Agdam District. Dokl.AN
Azerb.SSR 15 no.8:755-762 '58. (MIRA 13:1)

1. Institut arkhitektury i iskusstva AN AzerSSR. Predstavleno
akademikom AN AzerSSR M.A.Useynovym.
(Khachindorbatly--Sepulchral monuments)

KRUPKIN, L.V., inzh.

Use of discharging filterless boreholes for the drying of coalfields.
Shakht. stroi. 9 no.10:29 0 '65. (MIRA 18:9)

SHEKO, A.I., kand.geol.-miner.nauk; KRUPKIN, L.V., inzh.

Wall stability of Lebedi open-pit mines in the Kursk Magnetic
Anomaly. Shakht.stroi. 4 no.2:7-10 P '60. (MIRA 13:5)

1. Laboratoriya gidrogeologicheskikh problem AN SSSR (for Sheko).
2. Filial Instituta gornogo del. AN SSSR, g. Gubkin (for Krupkin).
(Lebedi (Belgorodskaya Province)--Strip mining)

GAZIZOV, M.S., kand. geol.-miner. nauk; LEBEDYANSKAYA, Z.P., inzh.;
 UNKOVSKAYA, N.F., inzh.; KOSTENKO, V.I., inzh.; PROZOROV, L.B.,
 kand. tekhn.nauk; BESPALOV, P.M., inzh.; KRAVCHUK, S.V., inzh.;
 KRUPKIN, L.V., inzh.; KRUPKIN, L.V., inzh.; BEZPALOVA, S.I., inzh.;
 SHCHERBATENKO, A.P., inzh.; KOROTKOV, G.V., kand. geol.-mineral.
 nauk, retsenzent; VASIL'YEV, P.V., doktor geol.-mineral. nauk;
 retsenzent; SHEVYAKOV, L.D., akad., otv.red.; MAN'KOVSKIY, G.I., otv.red.;
 STOLYAROV, A.G., red.isd-va; GUSEVA, A.P., tekhn.red.; RYLINA, Yu.V., tekhn.
 red.

[Experience in lowering the water table in mineral deposits under
 complex hydrogeological conditions] Opyt vodoponizheniya na
 mestorozhdeniyakh poleznykh iskopaemykh so slozhnymi gidrogeole-
 gicheskimi usloviyami. Moskva, Izd-vo Akad. nauk SSSR, 1963.
 411 p.

(MIRA 16:5)

1. Akademiya nauk SSSR. Institut gornogo dela. 2. Chlen-
 korrespondent Akademii nauk SSSR zaveduyushchiy Laboratoriyey
 spetsial'nykh sposobov prokhodki gornyykh vyrabotok i vodoponi-
 zheniya Nauchno-issledovatel'skogo instituta Kurskoy magnitnoy
 anomalii (for Man'kovskiy).

(Water, Underground) (Ore deposits)

ARTEM'YEV, A.V., kand.geol.-mineral.nauk; KRUPKIN, L.V., inzh.;
LEBEDEV, N.S., inzh.; RODIONOV, G.A., inzh.

Expediency of using horizontal drainage holes in pits of the
Kursk Magnetic Anomaly. Gor.zhur. no.5:16-19 My '62.

1. Nauchno-issledovatel'skiy institut po problemam Kurskoj
magnitnoy anomalii, g. Gubkin. (MIRA 16:1)
(Kursk magnetic anomaly--Mine drainage)

KRUPKIN, P. I., Cand Biol Sci -- (diss) "Features of the steppe and forest-steppe solonchets of the Omskaya oblast and some problems of the genesis of solonchets soils." Kazan'. 1960. 21 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Kazan Order of Labor, Red Banner State Univ im V. I. Yl'yanov-Lenin); 150 copies; price not given; (KL, 18-60, 149)

KRUPKIN, P.I.

Translocation of salt solutions in soils. Pochvovedenie no.6:
70-79 Je '63. (MIRA 16:7)

1. Krasnoyarskiy nauchno-issledovatel'skiy institut sel'skogo
khozyaystva.

(Saline and alkali soils)

ORLOVSKIY, I.V.; KRUPKIN, P.I.; POL'SKIY, M.N.; FOMIN, P.F.;
SHAKIROV, F.Kh.; P'YAVCHENKO, N.I., prof., doktor biol.
nauk, otv. red.

[Soil erosion in the area of the Minusinsk Lowland and its
control; advice to agricultural workers] Eroziya pochv v
raionakh Minusinskoj vpadiny i bor'ba s neiu; sovery rabot-
nikam sel'skogo khozaiatva. Krasnoiarsk, AN SSSR, In-t
lesa i drevesiny, 1963. 69 p. (MIRA 18:3)

EYZENKREYN, O.; KRUPKIN, S.

Are self-supporting centralized dispatcher units needed? Avt.
transp. 41 no.3:16 Mr '63. (MIRA 16:4)

(Transportation, Automotive—Management)

VASIL'KOVSKIY, N.A.; SVINUKHIN, Yu.G.; KRUPKIN, Ye.F.; SHESTOV, S.N.

Industrial testing of three roller bits in strip mines of
the "Karakubskoye" Mining Administration. Met. 1 gornorud.
prom. no.3:70-71 My-Je '64. (MIRA 17:10)

AUTHORS:

Sokolova, A. A., Bogomolov, B. D.,
Krupkina, F. A., Brodskiy, G. S., Afanas'yeva, A. V.

SOV/156 58-3-40/52

TITLE:

Alkaline Lignin as Initial Substance for the Production of
Plastics (Shchelochnoy lignin kak syr'ye dlya proizvodstva
plasticheskikh mass)

PERIODICAL:

Nauchnyye doklady vysshey shkoly, Khimiya i khimicheskaya
tekhnologiya, 1958, Nr 3, pp. 556 - 558 (USSR)

ABSTRACT:

Alkaline lignin represents a valuable starting material for the
production of plastics, since it contains reactive groups. The
authors prepared samples and determined the technical data as
well as the physical and chemical properties of products of
alkaline lignin. The optimum method for the production of
phenol-lignin formaldehyde resin was determined. Based on inves-
tigations on the physico-chemical and electric properties of
the pressed samples the following optima mixture was worked out:
phenol 100 parts, lignin 100 parts, formaldehyde 17 parts,
sulfuric acid 2 parts. By using this formula in the production
of phenol lignin formaldehyde resins about 50% phenol and 40%
formaldehyde can be saved. The stability of alkaline lignin in
storing for 2 years was investigated and the results obtained

Card 1/2

Alkaline Lignin as Initial Substance for the
Production of Plastics

SSV/156-58-3-40/52

showed that the alkaline lignin is subjected to a change of
its structure, with the formation of acid groups and an increase
of the oxy groups. There are 2 tables and 2 references,
which are Soviet.

ASSOCIATION:

Kafedra organicheskoy khimii i khimii drevessiny
Arkhangel'skogo lesotekhnicheskogo instituta (Chair of Organic
Chemistry and Cellulose Chemistry at the Arkhangel'sk Wood-
Technical Institute)

SUBMITTED:

February 15, 1958

Card 2/2

EWI(m)/EPF(c)/ENP(j)/T/ETC(m) WW/RM

ACCESSION NR: AP5024395

AUTHOR: Brodskiy, G. Sh.; Krol', M. L. S.; Krupkina, P. A.; Serapegina, O. A. UR/0286/65/000/015/0079/0080

TITLE: Preparation of porous material. Class 39, No. 173401

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 15, 1965, 79-80

TOPIC TAGS: foam plastic, resin, polyethylene, phenolformaldehyde

ABSTRACT: An Author Certificate has been issued for a preparative method for a water- and heat-resistant foamed plastic based on a formulation involving a phenol-formaldehyde resin (nonmodified or modified by furfural-acetone resin) and polyethylene. [B0]

ASSOCIATION: Nauchno-issledovatel'skiy institut plastmass (Scientific Research Institute of Plastics)

SUBMITTED: 14Aug63

ENCL: 00

OTHER: 000

SUB CODE: MT

ATD PRESS: 4108

NO REF SOV: 000

Card 1/1

L 11598-66 EWT(m)/EWP(j)/T NW/RM

ACC NR: AP6000349

SOURCE CODE: UR/0286/65/000/021/0047/0047

AUTHORS: ^{44,55} Sedov, L. N.; ^{44,55} Li, P. Z.; ^{44,55} Zotov, L. I.; ^{44,55} Akutin, M. S.; ^{44,55} Kargin, V. A.; ^{44,55} Krupkina, F. A.

ORG: none

TITLE: Method for obtaining elastic copolymers. ^{114.65} Class 39, No. 176062 ✓

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 21, 1965, 47

TOPIC TAGS: polymer, polymerization, polyester, polycondensation

ABSTRACT: This Author Certificate presents a method for obtaining elastic copolymers of unsaturated polyester resins with different monomers. To decrease shrinkage and the exothermic effect during hardening, the polyesters used are those obtained by condensation of unsaturated acids or their anhydrides with polyalkyleneglycols (e.g., with polytetramethyleneglycol) with molecular weight from 1000 to 40 000. 7

SUB CODE: 11/

SUBM DATE: 01 May 62

HW

Card 1/1

KRUPKINA, G.S.

PHASE I BOOK EXPLOITATION

SOV/4592

Moscow. Gosudarstvennyy nauchno-issledovatel'skiy institut plasticheskikh mass
Issledovaniya v oblasti termoreaktivnykh plastmass (Investigations in the
Field of Thermosetting Plastics) Moscow, Goskhimizdat, 1959. 98 p.
Errata slip inserted. 1,000 copies printed.

Sponsoring Agencies: Gosudarstvennyy komitet Soveta Ministrov SSSR po khimii;
Gosudarstvennyy nauchno-issledovatel'skiy institut plasticheskikh mass.

Ed.: V. M. Yur'yev; Tech. Ed.: Ye. G. Shpak.

PURPOSE: This book is intended for chemical engineers and technicians,
and research chemists interested in thermosetting plastics.

COVERAGE: The collection contains 11 articles which reflect some Soviet efforts
and achievements in synthesizing plastics with special physicochemical proper-
ties, i.e., water-, acid-, heat-, and arc-resistance. No personalities are
mentioned. References given are mainly Soviet and English, with several

Card 1/3

Investigations in the Field of Thermosetting (Cont.)

SOV/4592

French and German and accompany the articles.

TABLE OF CONTENTS:

Petrov, G. S. (Deceased), <u>F. A. Krupkina</u> , G. S. Brodskiy, and M. N. Bragina. Molding Materials Based on Phenol-Furfural Resins	3
Petrov, G. S. (Deceased), S. M. Rabits, and G. S. Brodskiy. Phenol- Formaldehyde Resins Combined With Rubber and Molding Materials From This Combination	10
Pevzner, L. V. Water- and Acid-Resistant and Electric Insulating Phenolite and "Dekorrozit" [Similar to Phenolite] Plastics	15
Petrov, G. S. (Deceased), and R. Ya. Fiskina. Thermosetting Resins From Furyl Alcohol and Their Use in Industry	31
Izyumov, B. D., and I. P. Panfilova. Heat- and Arc-Resistant Organosilicon Molding Materials	45
Card 2/3	

KRUPKO, A.Ya.

Effect of some anesthetics upon the contraction of the uterus in
animals. Farm.1 toks. 16 no.4:3-4 J1-Ag '53. (MIRA 7:5)

1. Iz Voenno-meditsinskoy akademii im. S.M.Kirova.
(Anesthetics) (Uterus)

KRUPKO, A.Ya., kandidat meditsinskikh nauk

Effect of promedole, phenatine, and eucodal on uterine contractions in animals. Akush. i gin. no.1:8-13 Ja-F '55. (MLRA 8:5)

1. Iz Veyenne-meditsinskey akademii imeni S.M.Kirova.
(UTERUS, effect of drugs on,
4-phenyl-4-propoxy-1,2,5-trimethyl piperidine HCl, condensation product of nicotinic acid & aminoacetophenetidin & eucodal)
(ACETOPHENETIDIN, derivatives,
aminoaceto phenetidin, product of condensation with nicotinic acid phenatine, eff. on uterus)
(NICOTINIC ACID,
condensation with aminoacetophenetidin, eff. of product phenatine on uterus)
(ANALGESICS, effects,
4-phenyl-4-propoxy-1,2,5-trimethyl piperidine HCl, eff. on uterus)

KRUPKO, G. P.

AUTHOR: Shkabara, M.N., and Krupko, G.P.

132-10-6/13

TITLE: The Most Efficient Method of Plugging Drill Holes (Naiboleys
effektivnyy metod likvidatsionogo tamponazha skvazhin)

PERIODICAL: Razvedka i okhrana nedr, 1957, # 10, p 31-34 (USSR)

ABSTRACT: At present, sealing of drill holes is effected by:

1. Filling up with a cement-clay mixture.
2. Filling up with clay balls.
3. Hydraulic method.
4. Sealing with wooden plugs and ragbolts.

None of these methods provide complete isolation from water bearing strata. A less expensive and approved method is the application of cement-clay or cement-sand-clay mixtures, which have good sealing properties and stand up to pressures up to 150-200 kg/sq cm. Admixtures of CaCl_2 and $\text{Ca}(\text{OH})_2$ are added to improve and speed up the hardening process. This method of sealing drill holes is being widely applied in the Donets Basin and recommended by geologic organizations.

ASSOCIATION: All-Union Scientific-Research Institute for the Organization and
Mechanization of Building of Mines (VNIIONShS)
Library of Congress

AVAILABLE:
Card 1/1

KRUFKA, G.P., inzh.

Natural argillite-aleurolite suspensions in boring. Shakht.stroi.
9 no.5:18-20 My '65.
(MIRA 18:6)

USCIB/Medicine - Military
Medicine - Osteology

Dec 1947

"Osteoplasty of Infected Areas," Prof I. L. Krupko,
Lt Col, Med Corps, Chair Orthopedics, Mil Med Acad,
Imeni S. M. Kirov, 6 pp

"Voyenno-Medits Zhur" No 12

Danger in osteoplasty of infected areas highly
exaggerated. Krupko describes the combination of
osteoplasty and osteotomy. Claims that this com-
bined operation will serve not only to diminish the
possibilities of osteomyelitis, but severe malfor-
mation, as well as shortening of the limbs. States,
however, that any mistake made in this combined
IC

50756

USCIB/Medicine - Military (Contd)

Dec 1947

operation will lead to extreme conditions beyond
imagination. Recommends use of penicillin during
operation. Chief of Chair of Orthopedics: Prof
E. A. Novotel'nov, Maj Gen, Medical Corps.

50756

PA 50756

51

KRUPKO, Prof. I. L.

USSR/Medicine - Medical Societies
Medicine - Surgery Jun 48

"Minutes of the Leningrad Society of Surgeons
and Orthopedists," G. Ya. Epshteyn, 7 pp

"Vest Khirurgii" Vol LXVIII, No 6

The 252d meeting opened 14 Apr 48; I. L. Krupko,
Chm, Ya. M. Pisarnitskiy, Secy. The 253d on
28 Apr was a joint meeting with doctors of the
Traumatol Inst imeni Prof R. R. Vreden; S. S.
Gibrolav, Chm, M. F. Yeretskaya, Secy. Among
reports read were D. M. Zlotnikov's "Two Cases

57/4975

USSR/Medicine - Medical Societies
(Contd) Jun 48

of Surgical Treatment for Pseudarthrosis and
Osteomyelitis of the Humerus," and M. M.
Kazakov's "Some Cases of Osteosynthesis."

KRUPKO, I. L.

57/4975

KRUPKO, I. L., Prof.

Sep/Oct 52

USSR/ Medicine - Anesthesia

"Intraossal Anesthesia in Surgical Interference on Extremities," Prof I. L. Krupko, A. V. Vorontsov, S. S. Tkachenko. Chair of Orthopedics, Mil Med Acad imeni S. M. Kirov, Leningrad

"Vest Khirurgii" Vol 72, No 5, pp 15-19

Describes intraossal anesthesia used at the academy since 1949. Advocates its use in military field practice. Enumerates the advantages of this method as follows: simplicity of procedure, satisfactory analgesic effect

229T52

produced by the even distribution of the anesthetic soln through the blood vessels of the area restricted by the tourniquet. States that a marked lowering of the muscular tone, observed during this anesthesia, is favorable for work on closed fractures and sprains. States that correction of closed fractures and repair of sprained joints have been successfully performed under intraossal anesthesia. Notes that the disadvantage of this method is the necessity of applying a tourniquet and the rapid recovery of sensitivity after its removal.

229T52

KRUPKO, I.L., professor.

Durable osteosynthesis using metal in infected fractures of long tubular bones. Vest.khir. 74 no.1:36-39 Ja-F '54. (MLRA 7:2)

1. Is kafedry ortopedii (nachal'nik - professor I.L.Krupko)
Voyenno-meditsinskoy akademii im. S.M.Kirova. (Fractures)

KRUPKO, Ivan Leont'yevich; VORONTSOV, Aleksandr Vasil'yevich;
TRACHENKO, Sergey Stepanovich; DREVINA, A.I., redaktor; BULEVA,
M.S., tekhnicheskii redaktor.

[Intraosseous anesthesia in surgery of extremities] Vnutri-
kostnaia anestesiia pri khirurgicheskikh vmeshatel'stvakh
na konechnostiakh. [Leningrad] Gos.isd-vo meditsinskoi lit-ry.
Leningradskoe otd-nie, 1955. 104 p. (MLRA 8:12)
(ANESTHESIA) (EXTREMITIES(ANATOMY)-SURGERY)

KRUPKO, I.L., professor

"Orthopedics." M.O.Fridland. Reviewed by I.L.Krupko. Vest.khir. 75
no.3:134-135 Ap '55. (MLRA 8:7)

(ORTHOPEDIA)

(FRIDLAND, M.O.)

KRUPKO, I.L., professor (Leningrad, ul. Smirnova, d. 8, kv. 5)

Treatment of infected fractures with penicillin [with summary in
English, p.157] Vest. khir. 77 no.2:25-30 F '56 (MLRA 9:6)

1. Iz kafedry ortopedii (nach. prof. I.L. Krupko) Voenno-
meditsinskoy ordena Lenina akademii imeni. S.M. Kirova.

(FRACTURES, compl.

infect., ther., penicillin)

(PENICILLIN, ther. use

infect. in fract.)

KRUPKO, I.L., professor (Leningrad)

"Diseases and lesions of the joints and bones" by A.F.Berdianov.
Reviewed by I.L.Krupko. Ortop., travm. i protes. 18 no.1:76-'77
Ja-F '57. (MIRA 10:6)

(JOINTS--DISEASES) (BONES--DISEASES)
(BERDIANOV, A.F.)

KRUPKO, I.L., professor (Leningrad)

"Accident prevention and first aid" by S.IA.Freidlin. Reviewed by
I.L.Krupko. Ortop., travm. i protes. 18 no.2:66 Mr-Apr '57.

(ACCIDENTS--PREVENTION)

(MIRA 10:8)

(FREIDLIN, S.IA.)

KRUPKO, I.L., professor

Sergei Abramovich Novotel'nov; obituary. Ortop.travm. i protez.
18 no.3:95-96 My-Je '57. (MLRA 10:9)
(NOVOTEL'NOV, SERGEI ABRAHOVICH, 1882-1956)

KRUPKO, I.L., prof.

Modern treatment of open fractures. Ortop.travm. i prtez. 18 no.4:
5-9 J1-Ag '57. (MIRA 11:1)

1. Iz kafedry ortopedii i travmatologii (nach. - prof. I.L.Krupko)
Voyenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova.

(FRACTURES, surg.
open fract. management)

"Treatment of Bone Fractures During Radiation Sickness Under Experimental Conditions," by I. L. Krupko, Chair of Orthopedics and Traumatology (head, Prof I. L. Krupko), Military-Medical Order of Lenin Academy imeni S. M. Kirov, Vestnik Khirurgii imeni I. I. Grekova, Vol 78, No 6, Jun 57, pp 106-109

The course of radiation sickness was studied in 366 rabbits subjected to 600 and 800 r total radiation. A group of these experimental animals were subjected to trauma (experimental fracture of femur) in addition to irradiation.

Results proved that (1) fractures aggravated the course of radiation sickness, especially if the fractures were infected; (2) best results were obtained after radical surgical treatment and metallic osteosynthesis, performed not six or nine hours, but 24 hours after the infliction of trauma and infection of fractures; (3) in all cases, if surgical treatment and metallic osteosynthesis were performed during the latent period of radiation sickness, the animals lived regardless of the use of antibiotics; and (4) antibiotics (penicillin and streptomycin) are indispensable in combating both endogenous and exogenous infections. Penicillin alone is ineffective, and only slightly prolongs the life of the animals. (U)

KRUPKO, I.L., professor (Leningrad, ul. Smirnova, d.8, kv.5)

Treatment of fractures in experimental radiation sickness [with
summary in English, p.160]. Vest.khir. 78 no.6:106-109 Je '57.

(MLRA 10:8)

1. Iz kafedry ortopedii i travmatologii (nach. - prof. I.L.Krupko)
Voyenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova

(FRACTURES, exper.

eff. of roentgen rays in on healing in rabbits)

(ROENTGEN RAYS, eff.

on healing of exper. fract. in rabbits)

1. KRUPKO, I.L.

KRUPKO, I.L. prof. (Leningrad, ul. Smirnova, d.8, kv.5); VORONTSOV, A.V.,
kand.med.nauk

Osteosynthesis in fractures and pseudarthrosis [with summary in
English on p.158]. Vest.khir. 79 no.10:59-65 0 '57. (MIRA 10:12)

1. Iz kafedry ortopedii i travmatologii (nach. - prof. I.L.Krupko)
Voyenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova.

(FRACTURES, surg.

osteosynthesis, choice of method (Rus))

(PSEUDARTHROSIS

same)

KRUPKO, I.L.

KRUPKO, I.L., prof. (Leningrad)

"Handbook of orthopedics." vol.1: General orthopedics [in German].
Reviewed by I.L.Krupko. Vest.khir. 79 no.12:131-132 D '57.
(ORTHOPEDIA) (MIRA 11:1)

KRUPKO, I.L., prof.

Basic principles of the treatment of bone fractures in ionizing
radiation injuries. Ortop., travm. protes. 19 no.1:3-8 Ja^{ny} '58.
(MIRA 11:4)

1. Iz kafedry ortopedii i travmatologii (nach. - prof. I.L.Krupko)
Voyenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova.
(FRACTURES, etiol. & pathogen.
penetrating radiations, ther. (Rus))
(RADIATIONS, inj. eff.
fract., ther. (Rus))

EXCERPTA MEDICA Sec 14 Vol 13/5 Radiology May 57

908. BASIC PRINCIPLES OF BONE FRACTURE MANAGEMENT IN PENETRATING RADIATION CASUALTIES (Russian text) - Krupko I. L. - ORTOP. TRAVM. I PROTEZ. 1958, 19/1 (3-8)

A fracture or an infected wound is a serious complication in a patient injured by atomic irradiation. In these conditions it is important to obtain a good result of the surgical treatment before the irradiation disease has developed completely. Surgical intervention has to be radical. Metallic fixation of the fracture and treatment of the wound are recommended. Chapchal - Utrecht (IX, 14, 19)

KRUPKO, I.L., prof. (Leningrad)

Genrikh Ivanovich Turner; on the 100th anniversary of his birth.
Ortop.travn. i protes. 19 no.5:10-14 8-0 '58 (MIRA 11:12)
(TURNER, GENRIKH IVANOVICH, 1858-1941)

KRUPKO, I.L., prof. (Leningrad)

"Use of muscle in surgery of bone cavities" by T.A. Ar'ev.
Ortop.travn. i protes. 19 no.5:88-89 8-0 '58 (MIRA 11:12)
(MUSCLES—TRANSPLANTATION)
(BONES—SURGERY)

~~KRUPKO, I. I.~~ prof.; TRACHENKO, S.S., kand. med. nauk.

Use of preserved homotransplants in clinical practice. Ortop. travm.
protez., Moskva 19 no.6:47-52 H-D '58. MIRA 12:1)

1. Iz kafedry ortopedii i travmatologii (nach. - prof. I.L. Krupko)
Voyenno-meditsinskoy ordena Lenina akademii imeni S. M. Kirova.
(TRANSPLANTATION

preserved homografts, clin. evaluation (Rus))

KRUPKO, I.L., prof. (Leningrad)

"Pediatric and adolescent orthopedics" by T.S.Zatsepin. Reviewed by I.
L. Krupko. Vest. khir. 80 no.2:139-140 P '58. (MIRA 11:3)
(ORTHOPEDIA) (ZATSEPIN, T.S.)

KRUPKO, I.L., prof., TKACHENKO, S.S., kand.med.nauk, BARKOV, Yu.I.

Bone homoplasty [with summary in English]. Vest.khir.81 no.8:71-80
Ag '58 (MIRA 11:9)

1. Iz kliniki ortopedii i travmatologii (nach. - prof. I.L. Krupko
Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova i
laboratorii konservirovaniya i peresadki tkaney (nauch. rukovod.-
chlen-korr. AMN SSSR prof. A.N. Filatov) Leningradskogo ordena
Trudovogo Krasnogo Znameni nauchno-issledovatel'skogo instituta
perelivaniya krovi. Adres avtorov: Leningrad 9, Botkinskaya ul.,
d.13, klinika ortopedii i travmatologii Voyenno-meditsinskoy
ordena Lenina akademii im.S.M. Kirova).
(BONE AND BONES, transpl
homografts, indic. (Rus))

KRUPKO, I.L. prof. (Leningrad)

Genrikh Ivanovich Turner; founder of Russian orthopedi on the
100th anniversary of his birth. Vest.khir. 81 no.10:140-145

0 '58

(MIRA 11:11)

(TURNER, GENRIKH INVANOVICH, 1858-1941)

KRUPKO, Ivan Leont'yevich

[Humeroscapular periarthritis] Plecho-lopatochnyi periartrit.
Leningrad, Medgiz, 1959. 83 p. (MIRA 13:7)
(ARTHRITIS)

KRUPKO, I.L., prof. (Leningrad)

Surgical therapy of habitual shoulder dislocation. Ortop.travm. i
protez. 20 no.6:32-33 Je '59. (MIRA 13:3)
(SHOULDER, disloc.
surg. of habitual cases (Rus))

KRUPKO, I.L., prof.

Some problems of treatment of open injuries of the bones and joints.
Ortop., trav. i protez. 20 no.10:3-10 0 '59. (MIRA 13:2)

1. Iz kafedry ortopedii i travmatologii (nach. - prof. I.L. Krupko)
Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova.
(BONE AND BONES wds. & inj.)
(JOINTS wds. & inj.)

KRUPKO, I.L., prof.; GRISHIN, V.M.

Results of treating closed diaphysial fractures of the bone of
the leg. Ortop., travm. i protez. no. 12:23-28 '60. (MIRA 14.02)

1. Iz kafedry ortopedii i travmatologii (nach. - prof. I.L.
Krupko) Voenno-meditsinskoy ordena Lenina akademii im. S.M.
Kirova.

(LEG--FRACTURE)

KRUPKO, I.L., FARSHATOV, M.N.

Immediate results of the treatment of open injuries of the extremities with reference to the use of penicillin and features of primary surgical treatment. Vest. khir. 85 no. 8:88-95 Ag '60.

(EXTREMITIES (ANATOMY)—WOUNDS AND INJURIES) (MIRA 14:1)
(PENICILLIN)

KRUPKO, I.L., polkovnik med. sluzhby, prof.

Basic principles of the modern treatment of fractures. Voen.-med.
zhur. no.3:17-23 Mr '61. (MIRA 14:7)
(FRACTURES)

AMUKO, I.L., prof.; KONDRAT'YEV, P.P., prof.; TKACHENKO, S.S., dots.

Lumbar pains and their treatment. Ortop., travm.i protez. no.9:
62-73 '61. (MIRA 14:10)

1. Iz kafedry travmatologii i ortopedii (rach. - prof. I.L.
Krupko) Voenno-meditsinskoy ordena Lenina akademii im. S.M.
Kirova.

(SPINE--DISEASES)

KRUPKO, I.L., prof.; YUR'YEV, Yu.N.

Use of muscle relaxants in orthopedics and traumatology. Ortop.,
travm.i protez. no.10:38-43 '61. (MIRA 14:10)

1. Iz kafedry travmatologii i ortopedii (nach. - prof. I.L.
Krupko) Voenno-meditsinskoy ordona Lenina akademii im. S.M.
Kirova.

(MUSCLE RELAXANTS)

(ORTHOPEDIA)

KRUPKO, I.L., prof. (Leningrad, ul. Smirnova, d.8, kv.5)

Internal injuries of the knee joint. Ortop. travm.i protez. 22
no.1/3-14 Ja '61. (MIRA 14:5)

1. Iz kafedry travmatologii i ortopedii (nachal'nik - prof. I.L.
Krupko) Voenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.
(KNEE—WOUNDS AND INJURIES)

KRUPKO, I.L., prof.

Some data on humeroscapular periarthritis. Ortop., travm.i protez.
23 no.6:11-17 Je '62. (MIRA 15:9)

1. Is kafedry travmatologii i ortopedii (nach. - prof. I.L.
Krupko) Voenno-meditsinskoy ordena Lenina akademii im. S.M.
Kirova.

(SHOULDER JOINT--DISEASES) (ARTHRITIS)

KRUPKO, I.L., prof. (Leningrad K-9, ul. Smirnova, d.8, kv.5)

Use of preserved homogenous tissues and autoplasty in orthopedics and traumatology. Ortop., travm. i protes. no.9:3-11
'62. (MIRA 17:11)

1. Iz kafedry travmatologii i ortopedii (nachal'nik - prof. I.L. Krupko) Voenno-meditsinskoy ordena Lenina akademii imeni Kirova.

KRUPKO, I.I. (Leningrad K-9, ul. Smirnova, d.8, kv.5)

New aspects in old ideas in fracture therapy. Ort. travm.
i protez. 23 no.10:10-17 O '62. (MIRA 17:10)

1. Iz kafedry travmatologii i ortopedii (nachal'nik .. prof.
I.L. Krupko) Voenno-meditsinskoy ordena Lenina akademii
imeni Kirova.

KRUPKO, I.L., prof. (Leningrad, Ul. Saturnova, d.8, kv.5)

late surgical treatment of gunshot bone fractures. Vest. khir.

no. 12:48-53 #162.

(MIRA 17:11)

1. Iz kafedry travmatologii i ortopedii (nachal'nik prof. I.L.
Krupko) Voenno-meditsinskoy ordena Lenina / akademii imeni Kirova.

KRUPKO, I.L., prof. (Leningrad, ul. Smirnova, d.8, kv.5)

Surgical treatment of fractures. Vest. khir. 89 no.10:72-76
O '62. (MIR 17:10)

1. Iz kafedry travmatologii i ortopedii (nachal'nik - prof. I.I.
Krupko) voyenno-meditsinskoy ordena Lenina akademii imeni Kiryva.

KRUPKO, I.L., prof.

Treatment of lesions of the shoulder joint. Ortop., travm. i
protez. no.1:3-10'63. (MIRA 16:10)

1. Iz kafedry travmatologii i ortopedii (nachal'nik - prof.
I.L.Krupko) Voenno-meditsinskoy ordena Lenina akademii imeni
Kirova.

*

KRUPKO, I.L., prof.; TKACHENKO, S.S., dotsent.

Some problems in the theory and practice of bone homoplasty.
Vest. khir. 70 no.6:74-80 Je'63 (MIRA 16:12)

1. Iz kafedry travmatologii i ortopedii (nachal'nik - prof. I.L.Krupko) Voenno-meditsinskey ordena Lenina akademii imeni S.M.Kirova. Adres avtorov: Leningrad, Botkinskaya ul., d.13, kafedra travmatologii i ortopedii Voenno-meditsinskey ordena Lenina akademii imeni S.M.Kirova.

KRUPKO, I.L. prof. (Leningrad, K-9, ul. Smirnova, d.8.kv.5); SHANIN, Yu.N.,
dotsent; YUR'YEV, Yu.N.; OVCHINNIKOV, Yu.I.

Some problems of anesthesia and resuscitation in traumatology.
Ortop. travm. i protez. 24 no.6:72-81 Je'63 (MIRA 16:12)

KRUPKO, I.L., prof. (Leningrad, K-9, ul. Smirnova, d.8., kv.5); VORONTSOV,
A.V., dotsent.

Some problems in the surgical treatment of closed diaphysal
fractures of the femur and tibia. Vestn. khir. Grekov. 90
no.4:42-48 Ap'63 (MIRA 17:2)

1. Iz kafedry travmatologii i ortopedii (nachal'nik - prof.
I.L.Krupko) Voenno-meditsinskoy ordena Lenina akademii imeni
S.M.Kirova.

KRUPKO, I.L., prof.; FARSHATOV, M.N.; GLEBOV, Yu.I.

Treatment of open injuries of the hand under conditions of a traumatological station. Vest. khir. 91 no.11:46-52 N '63.

(MIRA 17:12)

1. Iz kafedry travmatologii i ortopedii (nachal'nik - prof. I.L.Krupko)
Voyenno-meditsinskoy otdena lenina akademii imeni S.M.Kirova, Leningrad.
Adres avtorov: Leningrad, K-9, Botkinskaya ul., d. 13, klinika travmatologii i ortopedii.

tissue transplantation

1. ortopediya, travmatol. i protez., 1974, 204, 3-4

2. human, bone, tissue, transplantation, graft,
regeneration, tissue preservation

TRANSLATION: The present state of the homotransplantation problem
and basic methods of tissue preservation are described briefly.

3. The evidence of auto-transplantation

4. Frozen preservation

5. agent

6. 1/2

L 21858-65

ACCESSION NR: AR4047779

11-1496 days after preparation were used. The number of unsuccessful transplants with the use of homotransplants prepared by the method of [illegible] was 1-1.4%, and with the use of [illegible] was 1-1.4%. Results are also reported in the [illegible] of [illegible] articular and bones in 15 patients. The results [illegible] in all cases; allergic reactions [illegible] the homotransplant of the host [illegible] as long as 2 yrs.

EXCERPT

KRUPKO, I.L., prof.; TRACHENKO, S.S., doktor med. nauk

Replacement of the proximal portion of the femur by a homograft.
Vest. khir. no.7:68-74 J1 '64. (MIRA 18:4)

1. Iz kafedry travmatologii i ortopedii (nachal'nik - prof. I.L. Krupko) Voenno-meditsinskoy ordena Lenina akademii imeni Kirova.

KHUPKO, I.L., prof. (Leningrad, K-9, ul. Smirnova, d. 8, kv.5)

Reply to my adversaries. Ortop., travm. i protes. 25 no.7:59-70

Л 164.

(MIRA 18:8)

KRUPKO, I.L., prof.; BRAVCHENKO, S.I., dotsent (Leningrad K-18, Pesochaya
ul. 14, kv. 53)

Osteosynthesis with screws in oblique and spiral fractures of the
leg bones. Ortop., travm. i protez. 26 no. 23-7 F '65. (MIRA 18:5)

1. Iz kafedry travmatologii i ortopedii (nachal'nik - prof. I.L.
Krupko) Voenno-meditsinskoy ordona Lenina akademii imeni Kirova,
Leningrad. ~~... ..~~

KRUPKO, I.L.; TITOV, A.G.

Some conclusions from a study on bone necroplasty. Acta chir.
orthop. trauma. czech. 31 no.5:392-397, 1964.

i. Katedra traumatologie a ortopedie (vedoucí prof. I.L. Krupko)
Vojenská lékařská akademie v Jeleněvce.

KRUPKO, I.L., prof.; TKACHENKO, S.S., doktor med. nauk

Transplantation of preserved homoplastic fascial and tendon grafts.
Vest. khir. 93 no.8:65-69 Ag '64. (MIRA 18:7)

1. Iz kafedry travmatologii i ortopedii (nachal'nik - prof. I.L.
Krupko) Voenno-meditsinskoy ordena Lenina akademii imeni Kirova.

KRUFKO, I.L., prof. (Leningrad)

Review of M.I.Kuslik's book "Plaster bandages used in fractures";
a table. Vest. khir. 93 no.9:147 S '64. (MIRA 18:4)

KRUPKO, I.L., prof.; DEM'YANOV, V.M., dotsent

Death rate of patients with fractures of the trochanteric
region of the hip and ways for its reduction. Vest. khir.
93 no.11:67-73 N '64. (MIRA 18:6)

1. Iz kafedry travmatologii i ortopedii (nachal'nik - prof.
I.L. Krupko) Voenno-meditsinskoy ordena Lenina akademii
imeni Kircva, Leningrad.

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